

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Claim 1 (Currently Amended): A storage-stable aqueous miniemulsion, comprising:
a disperse phase which comprises the following components:

~~a) — at least one achiral nematic polymerizable monomer selected from the group consisting of polyfunctionally polymerizable monomers, monofunctionally polymerizable monomers, and mixtures thereof;~~

~~b) — at least one achiral nematic nonpolymerizable compound and~~

~~e) — at least one chiral di- or monofunctionally polymerizable monomer~~

a1) an achiral nematic difunctionally polymerizable monomer,

a2) two achiral nematic monofunctionally polymerizable monomers,

a3) an achiral nematic difunctionally polymerizable monomer,

b) an achiral nematic nonpolymerizable compound and

c) a chiral di- or monofunctionally polymerizable monomer,

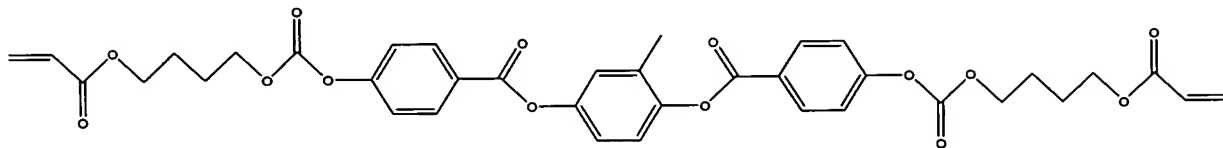
the nematic components a1), a2) and b) having the same mesogenic group and a3) having a mesogenic group differing from this.

Claims 2-4 (Canceled):

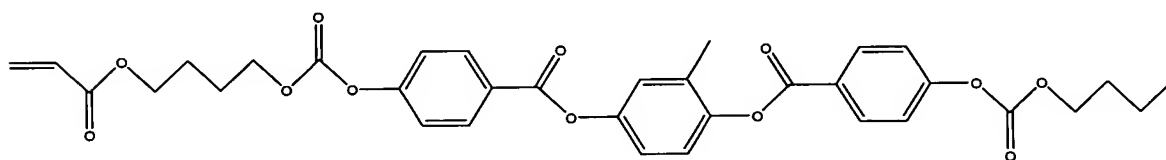
Claim 5 (Currently Amended): A miniemulsion as claimed in claim ~~[[2]]~~ 1, wherein the mesogenic group of the nematic components a1), a2) and b) comprises a substituted 1,4-dioxybenzene building block.

Claim 6 (Previously Presented): A miniemulsion as claimed in claim 5, wherein the disperse phase comprises the following components:

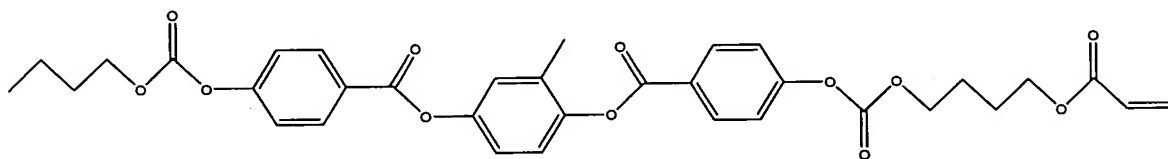
a1)



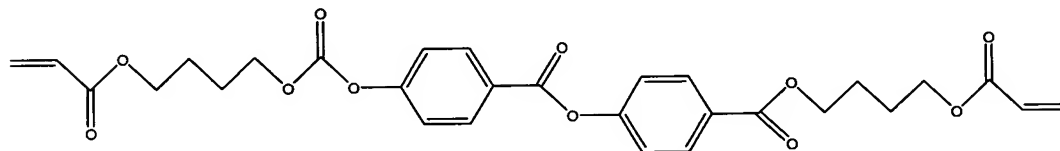
a2)



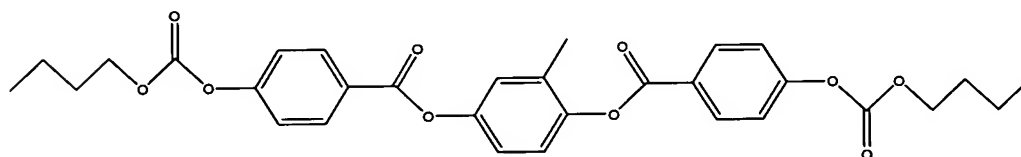
and



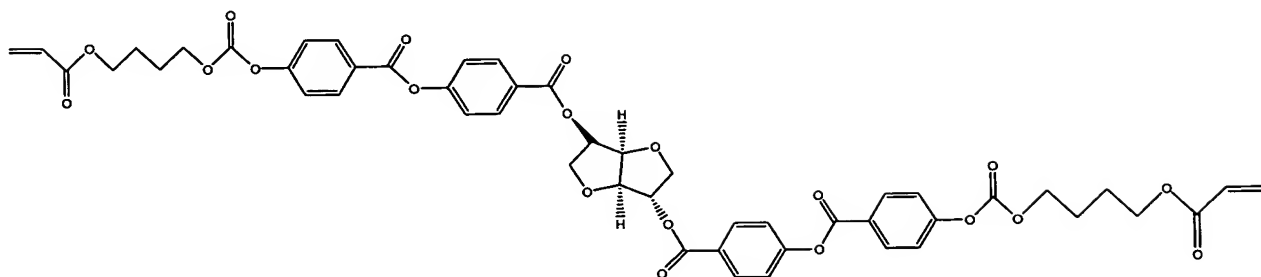
a3)



b)



c)



Claim 7 (Canceled):

Claim 8 (Previously Presented): A miniemulsion as claimed in claim 1, which comprises not more than 5% by weight, based on the total weight of the disperse phase, of assistants.

Claim 9 (Previously Presented): A miniemulsion as claimed in claim 1, having a volume average droplet size of the disperse phase of from 100 to 600 nm.

Claim 10 (Previously Presented): A process for the preparation of a storage-stable aqueous miniemulsion as claimed in claim 1, wherein all constituents of the disperse phase are first emulsified in a conventional manner and the conventional emulsion obtainable thereby is then treated with a high-pressure homogenizer.

Claim 11 (Original): A process as claimed in claim 10, wherein the mixture is emulsified at from 50 to 2 000 bar.

Claim 12 (Previously Presented): A method, which comprises

coating or printing on flexible and rigid substrates the storage stable aqueous mini-emulsion as claimed in claim 1.

Claim 13 (Currently Amended): A process for coating or printing on flexible and rigid substrates, wherein a storage-stable aqueous miniemulsion as claimed in claim 1 is applied to the substrate, ~~if required~~ optionally oriented, ~~if required~~ optionally dried and polymerized.

Claim 14 (Previously Presented): An article provided with a coating or a print comprising a storage-stable aqueous miniemulsion as claimed in claim 1.

Claim 15 (Previously Presented): A two-component system containing two storage-stable aqueous miniemulsions as claimed in claim 1, wherein the concentrations of the components c) are different in each case with otherwise identical composition.

Claim 16 (Original): A two-component system as claimed in claim 15, the concentrations of component c) being chosen in each case so that the first emulsion gives an LC effect coating having a reflection wavelength of from 300 to 400 nm and the second emulsion gives an LC effect coating having a reflection wavelength of from 600 to 800 nm.

Claim 17 (Currently Amended): A method for producing an ~~An article, comprising:~~
having a ~~an~~ LC effect coating comprising:
applying the two-component system as claimed in claim 15 to said article;
optionally orienting said miniemulsions, optionally drying and polymerizing said
miniemulsions

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~~wherein the LC effect coating has a defined reflection wavelength.~~

Claim 18 (Currently Amended): A ~~printing process~~ for producing an LC effect printed article, which comprises:

applying ~~the LC effect coating to a substrate~~ the two-component system as claimed in claim 15 to said article with a printer;

optionally orienting said miniemulsions, optionally drying and polymerizing said miniemulsions.

Claim 19-21 (Canceled):